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PTO/SB/82 (09-03)

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<b>REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS</b>	Application Number	10/800,222
	Filing Date	June 19, 2003
	First Named Inventor	Burnha Lee
	Art Unit	2819
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	08211/0008135-US0

I hereby revoke all previous powers of attorney given in the above-identified application.

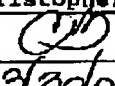
☐ A Power of Attorney is submitted herewith.  
OR  
☒ I hereby appoint the practitioners associated with the Customer Number: **36846**

☒ Please change the correspondence address for the above-identified application to:  
☒ The address associated with Customer Number: **36846**  
OR  
☐ Firm or Individual Name: **DARBY & DARBY P.C.**  
**John W. Branch**

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I am the:  
☐ Applicant/Inventor.  
☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name: **Christopher Byrne for National Semiconductor Corporation**  
Signature:   
Date: **3/30/04** Telephone: **(908) 721-6155**

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of **1** forms are submitted.

04/06/2004 16:29 FAX 212 753 8237

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037/043

PTO/SB/96 (08-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Bumha Lee et al.Application No./Patent No.: 10/600,222Filed/Issue Date: June 19, 2003Entitled: DIGITAL-TO-ANALOG CONVERTER WITH A SHIFTED OUTPUT AND AN INCREASED RANGENational Semiconductor

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above, copy attached.  
OR
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
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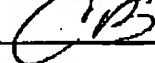
☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/30/04  
Date(408) 721-6155  
Telephone NumberChristopher Byrne

Typed or printed name



Signature

Director of IP & Technology Licensing

Title

04/06/2004 18:29 FAX 212 753 6237

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038/043

M&amp;G 50019.231US01/P05598

**ASSIGNMENT**

WHEREAS, we, Bumha Lee, residing at 870 R. El Camino Real #113, Mountain View, CA 94040 and Brian D. Segerstedt, residing at 420 Arch Street, Redwood City, CA 94062, made certain new and useful inventions and improvements as described and claimed in the specification forming part of an application for Letters Patent of the United States executed herewith, which is entitled **DIGITAL-TO-ANALOG CONVERTER WITH A SHIFTED OUTPUT AND AN INCREASED RANGE**.

AND WHEREAS, National Semiconductor Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all renewals or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

04/08/2004 16:28 FAX 212 753 6237

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039/043

applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

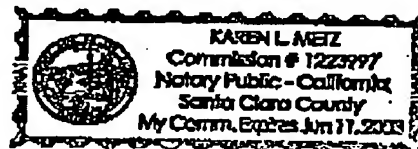
AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11<sup>th</sup> day of

June, 2003.

STATE OF California,  
COUNTY OF Santa Clara ) ss.

Burnha Lee



On this 11<sup>th</sup> day of June, 2003, before me personally appeared Burnha

Lee to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Karen L. Meitz  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11<sup>th</sup> day of

June, 2003.

STATE OF California,  
COUNTY OF Santa Clara ) ss.

Brian D. Segerstedt

On this 11<sup>th</sup> day of June, 2003, before me personally appeared Brian

D. Segerstedt to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Karen L. Meitz  
Notary Public

